

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

Reserve

A241.71
An5M



MONTHLY

BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

VOL. 10, NO. 9, SEPTEMBER 1972

(PAGE NOS. 147 - 162)

U. S. DEPT. OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY
RECEIVED

OCT 13 1972

PROCUREMENT SECTION
CURRENT SERIAL RECORDS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLUM ISLAND ANIMAL DISEASE LABORATORY
POST OFFICE BOX 848
GREENPORT, LONG ISLAND, NEW YORK 11944

THE 17th OF SEPTEMBER 1944

TO THE MEMBERS OF THE

COMMISSION

THE 17th OF SEPTEMBER 1944
TO THE MEMBERS OF THE
COMMISSION
THE 17th OF SEPTEMBER 1944
TO THE MEMBERS OF THE
COMMISSION

EXPLANATORY NOTE

1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
3. MULTIPLE SUBJECT AREA, TWO OR MORE DISEASES COVERED IN ARTICLE.
4. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
5. ON THE RIGHT MARGIN:
 - PIL - Article appears in a periodical (journal) in library.
 - PIL/A - Article authored by PIADL staff member(s).
 - NUMBER - Publication is available in "Reprint File" under indicated number.
 - LIBR. CLASSIF. CALL NUMBER - Book is available in library.
 - CIRC. FILE - Publication is in Circulating Files in library.

MULTIPLE SUBJECT AREA

ANON.

Equine veterinarians and scientists in Paris.
The Third International Conference on Equine
Infectious Diseases.

AHS; VEE.

Vet. Rec. 91(7):174, 1972.

PIL &
SF 957 Eq64

BETTS, A.O.

Maladies respiratoires du porc.

Teschen; ASF.

Ann. Med. Vet. 116(4):289-303, 1972.

PIL

DAKAR-HANN(SENEGAL). INSTITUT D'ELEVAGE ET DE MEDECINE
VETERINAIRE DES PAYS TROPICAUX. LABORATOIRE NATIONAL
DE L'ELEVAGE ET DE RECHERCHES VETERINAIRES. SECTION
DE RECHERCHES DU CENTRE ZOOTECHNIQUE DU DJOLOF A DARA.

Rapport sur le fonctionnement pour l'annee 1971.

Dakar-Hann, [1972?], 187 p., Annexe 5 p., illus.

Rinderpest; Sheep pox.

#5837

HUBBERT, W.T., and others.*

Bovine bluetongue: viral isolation from placentome and
serologic survey in pregnant cows.

Bluetongue-Cattle; FMD.

Am. J. Vet. Res. 33(9):1879-1882, 1972.

*J.H. Bryner, P.C. Estes, and J.W. Foley.

PIL

HYNES, M.G.

The sanitary position and method of control used
in Ireland.

Rinderpest; FMD.

Rep. pres. 40th Gen. Sess. OIE, Paris, 1972.

Vet. Serv. Bull. (Dublin) 1(3):75-80, 1972.

PIL

LAMPERT, P.W., GAJDUSEK, D.C., and GIBBS, C.J., Jr.

Subacute spongiform virus encephalopathies.

Scrapie, kuru and Creutzfeldt-Jakob
disease: a review.

Visna; Rida; Scrapie.

Am. J. Pathol. 68(3):625-652, 1972.

PIL

1. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Whistler (1973). The total chlorophyll content was calculated as the sum of chlorophyll *a* and chlorophyll *b*.

TOBACCO

.virens L. (1891) 1891
 .virens L. (1891) 1891

DATE _____

1920

— 2 —

...and the

1. 2. 3.

[illegible]

— 128 —

100

1995

1980

100

100

7. (10) 1000

MULTIPLE SUBJECT AREA

LUKERT, P.D., and PACKER, R.A.

Attachment of avian infectious bronchitis virus
to chicken embryo kidney cells.

FMD; Fowl plague.

Am. J. Vet. Res. 33(9):1849-1856, 1972.

PIL

REHACEK, J.

Use of invertebrate cell culture for study of
animal viruses and rickettsiae.

VSV; Louping ill.

In: Invertebr. Tissue Cult. 2:279-320, ed. by
C. Vago. New York, Academic Press, xiv,
415 p., illus., 1972.

QP 88 IN58

ROIZMAN, B., and De-THE, G.

Nomenclature and classification of herpesviruses:
a proposal.

Bov. mamm.; Lumpy skin.

Bull. WHO 46(4):547-550, 1972.

PIL

SCHWARZ, R., SCHOLTISSEK, C., and ROTT, R.

Failure of rescue between influenza A viruses.

VSV; Fowl plague.

Med. Microbiol. Immunol. (Z. Med. Mikrobiol.
Immunol.) 158(1):54-57, 1972.

PIL

SCOLNICK, E.M.

RNA-dependent DNA polymerases of RNA-containing viruses.

VSV; Visna.

In: Curr. Top. Biochem.; Natl. Inst. Health
Lect. Biomed. Sci. [1971], p. 49-64, ed. by
C.B. Anfinsen, R.F. Goldberger, and A.N.
Schechter. New York, Academic Press,
x, 255 p., illus., 1972.

QP 509 C87

SELLERS, R.F., HERNIMAN, K.A.J., and HAWKINS, C.W.

The effect of a synthetic anionic polymer (pyran)
on the development of foot-and-mouth disease
in guinea-pigs, cattle and pigs.

FMD; VSV.

Res. Vet. Sci. 13(4):339-341, 1972.

PIL

SPRADBROW, P.B.

A survey for arbovirus antibodies in pigs and
sheep in Queensland.

Bluetongue-Cattle; AHS; Louping ill; Ephemeral fever.

Aust. Vet. J. 48(7):402-407, 1972.

PIL

AFRICAN SWINE FEVER

GIL-FERNANDEZ, C., and others.*

Hemadsorción inespecífica y específica sobre células
de riñón de cerdo normales e infectadas con el
virus de la peste porcina africana. [Non-

specific and specific haemadsorption on normal
pig kidney cells and cells infected with (continued p. 149)

SECRET

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

AFRICAN SWINE FEVER

GIL-FERNANDEZ, C., and others.* (continued from p. 148)
 African swine fever virus. /
 Microbiol. Esp. 24(1):23-38, 1971(Span., engl.).
 Index Vet. 40(8):113, 1972.

*L. Alonso, A. Garcia-Gancedo, and E. Ronda.

PIL

KANG, H.S., and McAUSLAN, B.R.
 Virus-associated nucleases: location and
 properties of deoxyribonucleases and
 ribonucleases in purified frog virus 3.
 J. Virol. 10(2):202-210, 1972.

PIL

BLUETONGUE DISEASE IN CATTLE (IBARAKI VIRUS)

LUEDKE, A.J., and JONES, R.H.
 Storage of bluetongue virus-infected
Culicoides variipennis.
 Am. J. Vet. Res. 33(9):1875-1878, 1972.

PIL

WITHERSPOON, D.M.
 Blue tongue.
 Ga. Vet. 24(2):18-19, 1972.
 Bibliogr. Agric. 36(7):57(069892), 1972.

PIL

BORNA DISEASE

FERRIS, D.H., and BEAMER, P.D.
 Comparative studies of equine encephalomyelitis
 caused by nematodes, viruses and mycotoxins.
 Proc. 17th Annu. Conv. Am. Assoc. Equine Pract.,
 Chicago, Ill., Dec. 1971: 173-187, [publ. 1972?].

#5802

BOVINE PETECHIAL FEVER

KRAUSS, H., and others.*
 The morphology of the causal agent of bovine
 petechial fever (Ondiri disease).
 J. Comp. Pathol. 82(3):241-246, 1972.
 *F.G. Davies, Ø.A. Ødegaard, and J.E. Cooper.

PIL

CAPRINE PLEUROPNEUMONIA

COLE, B.C., and others.*
 Characterization of Mycoplasmas isolated from
 the bush baby (Galago crassicaudatus).
 Can. J. Microbiol. 18(9):1431-1437, 1972.
 *C.E. Graham, L. Golightly-Rowland, and J.R. Ward.

PIL

DOGUER, M.
 Tprkiyede izole edilen Mycoplasma capri suslarinin yasama
 muddetleri ve koloni varyasyonu uzerine arastima.
 / Studies on viability of the freeze-dried causative
 agent (PPLO) of the pleuropneumonia contagiosa caprae
 recovered from the lungs of natural cases. /
 Turk Hij. Tecr. Biyol. Derg. 31(2):109-117, 1971
 (Turk., w/Engl. summ.).
 Biol. Abstr. 54(4):1969(20436), 1972.

PIL

3

三

$\frac{1}{2} \times 100 = 50$
 $\frac{1}{2} \times 100 = 50$
 $\frac{1}{2} \times 100 = 50$

$$\begin{array}{c} \text{H} \\ | \\ \text{C} \\ | \\ \text{H} \end{array} \quad \begin{array}{c} \text{H} \\ | \\ \text{C} \\ | \\ \text{H} \end{array} \quad \begin{array}{c} \text{H} \\ | \\ \text{C} \\ | \\ \text{H} \end{array}$$

CAPRINE PLEUROPNEUMONIA

TAYLOR-ROBINSON, D., and CHERRY, J.D.

A non-pathogenic mycoplasma inhibiting the effect of a pathogenic mycoplasma in organ culture.

J. Med. Microbiol. 5(3):291-298, 1972.

PIL

CONTAGIOUS AGALACTIA OF SHEEP AND GOATS

ARISOY, F., and ERDAG, O.

Canli (attende) agalaksi asisi dayanma müddeti üzzerinde arastirmalar. [Studies on the viability of a live attenuated Mycoplasma agalactiae vaccine culture at room temperature.]

Pendik Vet. Kontrol Arastirma Enst. Derg.

4(2):40-44, 1971 (Turk., engl.).

Index Vet. 40(7):76, 1972.

PIL

CONTAGIOUS BOVINE PLEUROPNEUMONIA

NEIMARK, H., and LEMCKE, R.M.

Occurrence and properties of lactic dehydrogenases of fermentative mycoplasmas.

J. Bacteriol. 111(3):633-640, 1972.

PIL

PIERCY, D.W.T.

Reaction to killed Mycoplasma mycoides in joints in specifically sensitized calves.

J. Comp. Pathol. 82(3):291-294, 1972.

PIL

PIERCY, D.W.T., and BINGLEY, J.B.

Fibrinous synovitis in calves inoculated with killed Mycoplasma mycoides. Elevated plasma fibrinogen concentration and increased permeability of the synovium.

J. Comp. Pathol. 82(3):279-290, 1972.

PIL

REED, S.E.

Viral enhancement of mycoplasma growth in tracheal organ cultures.

J. Comp. Pathol. 82(3):267-278, 1972.

PIL

CONTAGIOUS ECTHYMA OF SHEEP

IVANOV, I., KHARALAMBEV, Kh., and GANOVSKI, D.

Trials of contagious ecthyma vaccine in Bulgaria. Veterinarnomed. Nauki (Sofia) 9(2):17-25, 1972 (Bulg., engl., russ.).

Index Vet. 40(7):97, 1972.

PIL

EAST COAST FEVER

JOYNER, L.P., and others.*

The duration of emission of infective particles of Theileria parva by infected ticks fed artificially.

Res. Vet. Sci. 13(4):402-403, 1972.

*M.P. Cunningham, R.E. Purnell, and C.G.D. Brown.

PIL

1

CONFIDENTIAL

2

CONFIDENTIAL

3

4

4

5

6

7

8

9

CONFIDENTIAL

10

11

11

CONFIDENTIAL

12

13

14

12

15

16

EAST COAST FEVER

KIMBER, C.D., and PURNELL, R.E.

A rapid technique for the detection of Theilerial
parasites in the salivary glands of the tick
Rhipicephalus appendiculatus.

Res. Vet. Sci. 13(4):393-394, 1972.

PIL

PURNELL, R.E., LEDGER, M.A., and OBATRE, J.B.

Some effects of irradiation on Theileria parva
in the salivary glands of the tick
Rhipicephalus appendiculatus.

Parasitology 65(1):23-, 1972.

Curr. Contents-Life Sci. 15(38):53, 1972.

PIL

FOOT-AND-MOUTH DISEASE

AMEY, L.

Foot-and-mouth: lessons of a catastrophe.

Zootec. Vet., Fecond. Artif. 27(1-2):11-15, 1972(Engl.).

Index Vet. 40(7):76, 1972.

PIL

ARLINGHAUS, R.B., SYREWICZ, J.J., and LOESCH, W.T., Jr.

RNA polymerase complexes from mengovirus
infected cells.

Arch. Gesamte Virusforsch. 38(1):17-28, 1972.

PIL

BISCHOFBERGER, A.

Praxisbeobachtungen zum Problem der aerogenen
Übertragung des MKS-Virus. Ein Beitrag zur
Epizootologie der MKS. [Observations in
practice on the problem of the air-borne
transmission of foot and mouth disease virus.]
English summary.

Schweiz. Arch. Tierheilkd. 114(3):167-209, 1972(Ger.).

Index Vet. 40(7):80, 1972.

PIL

DARDA, P.N.

Improved method for the identification of
strains of foot and mouth disease virus:
the neutralization index.

Veterinariya (Mosc.) (5):104-105, 1972 (Russ.).

Index Vet. 40(8):106, 1972.

PIL

KINDYAKOV, V.I., and others.*

Epidemiology of foot and mouth disease among
Saiga antelopes.

Veterinariya (Mosc.) (5):48-49, 1972 (Russ.).

Index Vet. 40(8):125, 1972.

*B.M. Nagumanov, E.S. Tasbulatov, N. Zh. Zhanuzakov,
V.G. Starchikov, and B.S. Zinov'ev.

PIL

LABONNARDIERE, C., and ASSO, J.

Obtention de virus utilisables comme vaccin
vivant. [Obtaining a virus for use as
a live vaccine.]

English summary.

Cah. Med. Vet. 41(2):85-91, 1972.

#5809

THE
OFFICE OF THE
ATTORNEY GENERAL
STATE OF NEW YORK
ALBANY

IN SENATE

1897

REPORT OF THE
COMMISSIONER OF THE
LAND OFFICE

1897

ALBANY

1897

1897

1897

1897

1897

1897

1897

1897

1897

1897

1897

1897

1897

1897

1897

1897

1897

1897

1897

1897

FOOT-AND-MOUTH DISEASE

LATALA-NIEDZIELSKA, M.

Badania nad wpływem glicerolu i innych czynników
na spectlanie się witek plemników buhajów.
/ Effect of glycerol and other agents on the
occurrence of coiled-tail spermatozoa in semen
from bulls vaccinated against foot and mouth
disease. /

Pol. Arch. Weter. 14(2):211-231, 1971 (Pol., engl., russ.).

Index Vet. 40(7):102, 1972.

PIL

LEBEDEV, A.I., and GOGOLEV, M.M.

Characteristics of the host cell-virus relationship
with various strains of foot and mouth disease
virus in the presence of a polyionic compound,
DEAE-dextran or dextran sulphate.

Dokl. Vses. (Ordena Lenina) Akad. S-kh. Nauk

Im. V I Lenina (4):33-35, 1972 (Russ.).

Index Vet. 40(8):128, 1972.

PIL

LEBEDEV, A.I., and others.*

Mechanism of cellular immunity in foot and
mouth disease.

Veterinariya (Mosc.) (5):38-40, 1972 (Russ.).

Index Vet. 40(8):128, 1972.

*L.I. Mutuzkin, V.A. Gorbатов, M.M. Gogolev,
and G.F. Koromyslov.

PIL

LEKHACHEV, N.V., SHESTOCHENKO, M.A., and KAREV, V.P.

Detection of foot and mouth disease virus in
cells (by fluorescent antibody).

Dokl. Vses. (Ordena Lenina) Akad. S-kh. Nauk

Im. V I Lenina (3):30-32, 1972 (Russ.).

Index Vet. 40(7):103, 1972.

PIL

LOBO A, C. A.

Comparative studies of four different subtypes of
foot-and-mouth disease virus type A.

--Thesis-MS(Vet. Sci.).

/ Madison /, Univ. Wis., vi, 148 p., illus., 1972.

QR
201.F63
L64

LUKIN, A.M.

Vzaimootnosheniya iksoodovykh kleshchei s virusom
yashchura. / Foot and mouth disease virus
in ixodid ticks. /

In: Proc. 7th All-Union Conf. Nat. Nidality

Dis., Samarkand, 1969, p. 72-81. Tashkent,

USSR, Izdatel'stvo "PAN", 1971 (Russ.).

Index Vet. 40(7):104, 1972.

PIL

McVICAR, J.W., and SUMMOLLER, P.

Experimental foot-and-mouth disease in sheep
and goats: an epizootiological model.

Arch. Gesamte Virusforsch. 38(1):85-96, 1972.

PIL &
#

FOOT-AND-MOUTH DISEASE

MARSCHANG, F.

Beobachtungen während eines MKS-Ausbruchs in
einem Schweinegrossbestand. [Observations
during a foot and mouth disease outbreak at
a large pig farm.]
Vet.-Med. Nachr. (1):93-104, 1972 (Ger.).
Index Vet. 40(8):133, 1972.

PIL

MARTINEZ CACHO, R.

Swine vaccination against foot-and-mouth disease.
Not. Neosan 29(162):184-186, 1971 (Span.).
Bibliogr. Agric. 36(7):60(070065), 1972.

PIL

MITEV, G., TEKERLEKOV, P., and NIKOLOVA, E.

Plakova morfologiya na atenyairani shapni virusi.
[Plaque morphology of foot and mouth disease
virus attenuated by passage in tissue cultures.]
In: 2nd Congr. Microbiol., Sofia, 1969, Part 3:
29-33. Sofia, Bulg. Acad. Sci., 1971
(Bulg., engl.).
Index Vet. 40(7):107, 1972.

PIL

MITEV, G., TEKERLEKOV, P., and NIKOLOVA, E.

Study on plaque characteristics of a foot-and-
mouth disease virus, type C, attenuated
through passages in tissue cultures.
English summary.
Vet. Med. Nauk 9(1):31-36, 1972 (Bulg.).
Bibliogr. Agric. 36(7):62(070175), 1972.

PIL

NETTO, L. P.

Occurrence of foot-and-mouth disease in State of
Sao Paulo during second period of four months
in 1971.
Biologico (Sao Paulo) 37(11):312, 1971 (Port.).
Bibliogr. Agric. 36(7):57(069844), 1972.

PIL

NOSOV, I.I., and others.*

Poluchenie vaksiny iz mestnykh shtammov dlya
profilaktiki yashchura. [The derivation of
a vaccine from local strains for prophylaxis
of foot-and-mouth disease.]
Tr. Nauchno-issled. Vet. Inst. Tadzh. SSR
3:26-31, 1971. Transl. from: Ref. Zh. Biol.
No. 7B121, 1971.

Biol. Abstr. 54(3):1437(14969), 1972.

*M.M. Akhmedov, I.N. Zhukova, E.S. Kochetkova,
and V.I. Diev.

PIL

ONUFRIEV, V.P., and others.*

Increasing the antibody avidity of foot and
mouth disease hyperimmune serum.
Veterinariya (Mosc.) (5):33-36, 1972 (Russ.).
Index Vet. 40(8):139, 1972.

*V.K. Marav'ev, A.V. Chepurkin, V.I. Shorshnev,
V.M. Zakharov, and Yu. V. Chunaev.

PIL

1. The first part of the report deals with the general situation in the country. It is a very interesting and informative study of the country's development.

II

2. The second part of the report deals with the economic situation. It is a very interesting and informative study of the country's economic development.

III

3. The third part of the report deals with the social situation. It is a very interesting and informative study of the country's social development.

IV

4. The fourth part of the report deals with the political situation. It is a very interesting and informative study of the country's political development.

V

5. The fifth part of the report deals with the cultural situation. It is a very interesting and informative study of the country's cultural development.

VI

6. The sixth part of the report deals with the environmental situation. It is a very interesting and informative study of the country's environmental development.

VII

7. The seventh part of the report deals with the international situation. It is a very interesting and informative study of the country's international development.

VIII

8. The eighth part of the report deals with the future of the country. It is a very interesting and informative study of the country's future development.

PAREZ, M., and JONDET, R.

Can semen of bulls vaccinated for foot-and-mouth disease transmit it to artificially inseminated cows?

Elev. Insemination 124:7-10, 1971 (Fr.).

Bibliogr. Agric. 36(7):57(069878), 1972.

PIL

PONTOIS, M., and others.*

Influence de la thymectomie neonatale sur la reponse immunitaire a un antigene chimique et a deux antigenes viraux chez le porc.

[Influence of thymectomy of new-born piglets.

on their subsequent immune response to chemical antigens and to two viral antigens

(FMD and swine fever).] --English summary.

Recl. Med. Vet. Ec. Alfort 148(5):563-575, 1972.

*J. Asso, J.-J. Metzger, and J.-M. Aynaud.

PIL

RICHTER, F.A., and others.*

Studies on intratypic variants of coxsackie B 1 virus.

Arch. Gesamte Virusforsch. 38(1):77-84, 1972.

*L.W. Macpherson, J.B. Campbell, and N.A. Labzoffsky.

PIL

SNOWDON, W.A.

Vaccine for foot and mouth disease.

Australian 421,060 (Cl. C 12k, A 61k),

24 Feb. 1972, Brit. Appl. 20,596/66,

10 May 1966; 11 pp.

Chem. Abstr. 77(13):299(86597z), 1972.

PIL

STELLMANN, C., MOREAU, Y., and FAVRE, H.

System for an early identification of foot-and-mouth disease virus strains.

Arch. Gesamte Virusforsch. 37(4):351-356, 1972.

PIL

STELLMANN, C., MOREAU, Y., and ROUMIANTZEFF, M.

Biomathematical system of relationship and dominance for the classification of foot-and-mouth disease strains.

Arch. Gesamte Virusforsch. 37(4):357-364, 1972.

PIL

SYUSYUKIN, A.A., and others.*

Cultivation of foot and mouth disease virus in lamb kidney cells and its immunogenicity.

Veterinariya (Mosc.) (5):36-38, 1972 (Russ.).

Index Vet. 40(8):153, 1972.

*I.K. Kravets, T.E. Kalugina, and M.I. Zhuchkov.

PIL

VANDE WOUDE, G.F., SWANEY, J.B., and BACHRACH, H.L.

Chemical and physical properties of foot-and-mouth disease virus: a comparison with Maus Elberfeld virus.

Biochem. Biophys. Res. Commun. 48(5):1222-1229, 1972.

PIL &
#

FOOT-AND-MOUTH DISEASE

- VASQUEZ, C., PALMA, E.L., and BARRANTES, F.J.
Foot-and-mouth disease virus. 1. Capsid
fine structure.
J. Microsc. (Paris) 14(2):147- , 1972.
Curr. Contents-Life Sci. 15(36):86, 1972.

PIL

FOWL PLAGUE

- "
ANSCHUTZ, W., SCHOLTISSEK, C., and ROTT, R.
Genetic relationship between different influenza
strains.
Med. Microbiol. Immunol. (Z. Med. Mikrobiol.
Immunol.) 158(1):26-31, 1972.

PIL

- BABALYAN, A.N., and others.*
Synthesis of virus-specific proteins and RNA in
cells infected with mutants of bird plague virus.
Vopr. Mol.-Kletoch. Biol., p. 204-208, 1971
(Russ.). From Ref. Zh., Biol. Khim., Abstr.
No. 24F925, 1971.
Chem. Abstr. 77(9):227(58641r), 1972.
*Yu. Z. Gendon, S.G. Markushin, and O.N. Ageeva.

PIL

- BUTLER, M., ELLAWAY, W.J., and HALL, T.
Comparative studies on the infectivity of avian
respiratory viruses for eggs, cell cultures
and tracheal explants.
J. Comp. Pathol. 82(3):327-332, 1972.

PIL

- FRANCIS, D.W., and RIVELLI F., E.
Newcastle disease in Paraguay: case report.
Avian Dis. 16(2):336-342, 1972.

PIL

- SCHILD, G.D., HENRY-AYMARD, M., and PEREIRA, H.G.
A quantitative, single-radial-diffusion test for
immunological studies with influenza virus.
J. Gen. Virol. 16(2):231-236, 1972.

PIL

LOUPING ILL

- DOHERTY, P.C., SMITH, W., and REID, H.W.
Louping-ill encephalomyelitis in the sheep.
V. Histopathogenesis of the fatal disease.
J. Comp. Pathol. 82(3):337-344, 1972.

PIL

RIFT VALLEY FEVER

- DAVIES, F.G., CLAUSEN, B., and LUND, L.J.
The pathogenicity of Rift Valley fever virus
for the baboon.
Trans. R. Soc. Trop. Med. Hyg. 66(2):363-365, 1972.
Index Vet. 40(8):106, 1972.

PIL

1. The first part of the document is a letter from the President of the United States to the President of the Republic of China, dated December 1, 1945. The letter is signed by Franklin D. Roosevelt and is addressed to Chiang Kai-shek. The letter is a copy of the original, which is in the possession of the President of the Republic of China.

1000

1-2

$$= \frac{1}{2}$$
$$x = \log_{10} 1000$$

Year	Value
1990	100
1991	105
1992	110
1993	115
1994	120
1995	125
1996	130
1997	135
1998	140
1999	145
2000	150
2001	155
2002	160
2003	165
2004	170
2005	175
2006	180
2007	185
2008	190
2009	195
2010	200
2011	205
2012	210
2013	215
2014	220
2015	225
2016	230
2017	235
2018	240
2019	245
2020	250

1

10

RIFT VALLEY FEVER

PETISCA, J.L.N., and LIMPO SERRA, J.J.

Anatomia patologica dalgumas doencas dos animais domesticos. VI. Febre do Vale do Rift.

[Pathology of some diseases of domestic animals. VI. Rift Valley fever.]

Vet. Mocamb. (Mozambique) 4(2):69-73, 1971 (Port., engl.).

Index Vet. 40(8):138, 1972.

PIL

RINDERPEST

SINGH, G.

Antibody response in animals inoculated with three different types of live rinderpest vaccine.

Indian J. Anim. Health 10:133-144, 1971.

Bibliogr. Agric. 36(7):58(069914), 1972.

PIL

SCRAPIE

CHANTAL, J.

Virus infections with slow evolution.

1. Scrapie in sheep.

English summary.

Rev. Med. Vet. (Toulouse) (New Ser.) 35(1):

99-115, 1972 (Fr.).

Bibliogr. Agric. 36(7):61(070104), 1972.

PIL

GUSTAFSON, D.P.

Transmission of scrapie to mink.

J. Am. Vet. Med. Assoc. 161(6):549-550, 1972.

PIL

PATTISON, I.H.

Veterinary research.

Proc. R. Soc. Med. 65(4):344-345, 1972.

Index Vet. 40(7):111, 1972.

PIL

SHEEP POX

MEYER, R.C., and CONROY, J.D.

Experimental swinepox in gnotobiotic piglets.

Res. Vet. Sci. 13(4):334-338, 1972.

PIL

VEGAD, J.L., and SHARMA, G.L.

Pathogenesis of sheep pox (Variola ovina) in digestive system of experimentally infected sheep.

JNKVV Res. J. 5(2):107-115, 1971.

Bibliogr. Agric. 36(7):58(069957), 1972.

PIL

VEGAD, J.L., and SHARMA, G.L.

Pathogenesis of sheep pox (Variola ovina) in the lymphatic, reticulo-endothelial and haemopoietic system of experimentally infected sheep.

JNKVV Res. J. 6(1):21-31, 1972.

PIL

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-01-01 BY 60322
REASON: 25X

II

10

UNCLASSIFIED

DATE 08-01-01

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-01-01 BY 60322

(

II

II

II

TESCHEN DISEASE

AYNAUD, J.M., and BIBARD, C.

Balance de las tecnicas de inmunofluorescencia
en el dominio de la peste porcina clasica.
Cah. Med. Vet. 40:221-231, 1971 (Fr.).
Transl. in Span.: Gac. Vet. (B. Aires) 34(265):
379-391, 1972.

PIL

DERBYSHIRE, J.B., and COLLINS, A.P.

An experimental epidemiological study of
Talfan virus infection in pigs.
J. Comp. Pathol. 82(3):315-322, 1972.

PIL

VENEZUELAN EQUINE ENCEPHALOMYELITIS

AGABALYAN, A.S., URYVAEV, L.V., and ERSHOV, F.I.

Characteristics of virion RNA of Venezuelan
equine encephalomyelitis virus.
Vopr. Virusol. (Probl. Virol.) (4):490- ,
1972 (Russ., w/Engl. abstr.).
Curr. Contents-Life Sci. 15(39):71, 1972.

PIL

BUCKLEY, S.M., and others.*

Arbovirus neutralization tests with Peruvian
sera in Vero cell cultures.
Bull. WHO 46(4):451-455, 1972.
*J.L. Davis, III, J. Madalengoitia, W. Flores,
and J. Casals.

PIL

CANTU, J.J., and others.*

La epidemia de encefalitis equina venezolana en la
Republica Mexicana en 1971. Informe preliminar.
[The epidemic of Venezuelan equine encephalitis
in Mexico in 1971. Preliminary report.]
Salud Publica Mex. 13(5):861-867, 1971 (Port.,
engl.).
Index Vet. 40(8):102, 1972.
*C.C. Sainz, M.J.A. Tostado, and E.G. Carbajal.

PIL

GONZALEZ, R.

Clinical observations on an outbreak of equine
encephalomyelitis in Guatemala, 1969.
English summary.
Guatem. Univ. San Carlos Fac. Med. Vet. Zootec.
Rev. 3(1):77-79, 1971 (Span.).
Bibliogr. Agric. 36(7):58(069900), 1972.

PIL

IRVIN, W., and PEPPLER, J.

Viral induced anergy.
Clin. Res. 20(1):47, 1972.
Biores. Index 8(8):1433(61898), 1972.

PIL

MUCHA-MACIAS, J. de

El problema de la encefalitis equina en Mexico.
[The problem of equine encephalitis in Mexico.]
Salud Publica Mex. 13(2):165-168, 1971 (Span.).
Index Vet. 40(8):136, 1972.

PIL

1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1

I

1-1-1
1-1-1
1-1-1
1-1-1

II

1-1-1
1-1-1
1-1-1
1-1-1

1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1

III

1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1

IV

1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1

V

1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1

1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1

VI

1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1

1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1
1-1-1

VII

VENEZUELAN EQUINE ENCEPHALOMYELITIS

- PEDERSEN, C.E., Jr., SLOCUM, D.R., and LEVITT, N.H.
Chromatography of Venezuelan equine encephalo-
myelitis virus strains on calcium phosphate.
Appl. Microbiol. 24(1):91-95, 1972. PIL
- PEPPLE, J., SHERRY, R., and IRVIN, W.
New parameters and clue to mechanism of viral
induced anergy.
Clin. Res. 19(3):672, 1971.
Biores. Index 8(8):1501(64812), 1972. PIL
- RABINOWITZ, S., ADLER, W., III, and BEISEL, W.R.
Host defenses during primary Venezuelan equine
encephalomyelitis virus infection in mice.
Clin. Res. 20(1):54, 1972.
Biores. Index 8(8):1433(61924), 1972. PIL
- SUMMERS, P.W. [prep.]
Bibliography on Venezuelan equine encephalo-
myelitis (VEE).
Frederick, Md., U.S. Army Med. Res., Inst.
Infect. Dis., 55 p., 1972. #5662/B
- U.S. DEPARTMENT OF AGRICULTURE. ANIMAL AND PLANT
HEALTH INSPECTION SERVICE. VETERINARY SERVICES.
Reported arthropod-borne encephalitides in horses
and other equidae--calendar year 1970.
Hyattsville, Md., 5 p., illus (APHIS 91-6), 1972. GOV.PUBL.DRWR.
- VENTURA, A.K., and others.*
Epidemiologic studies of endemic Venezuelan equine
encephalitis infection in Florida.
Clin. Res. 20(1):84, 1972.
Biores. Index 8(8):1436(62041), 1972.
*N.J. Ehrenkranz, E.E. Buff, and W.J. Bigler. PIL

VESICULAR STOMATITIS VIRUS

- AASLESTAD, H.G., and WIKTOR, T.J.
Recovery of protective activity in rabies virus
vaccines concentrated and purified by four
different methods.
Appl. Microbiol. 24(1):37-43, 1972. PIL
- ANON.
Aspetti zoonosici della stomatite contagiosa virale.
Vet. Ital. 23(3-4):268, 1972. PIL
- BISHOP, D.H.L., and ROY, P.
Dissociation of vesicular stomatitis virus and
relation of the virion proteins to the
viral transcriptase.
J. Virol. 10(2):234-243, 1972. PIL

ASTOR LENOX TILDEN FOUNDATION
455 FIFTH AVENUE
NEW YORK 17, N. Y.

LIBRARY OF THE
NEW YORK PUBLIC LIBRARY

II

LIBRARY OF THE
NEW YORK PUBLIC LIBRARY

I

LIBRARY OF THE
NEW YORK PUBLIC LIBRARY

NEW YORK

LIBRARY OF THE
NEW YORK PUBLIC LIBRARY

LIBRARY OF THE

NEW YORK PUBLIC LIBRARY

II

LIBRARY OF THE
NEW YORK PUBLIC LIBRARY

LIBRARY OF THE
NEW YORK PUBLIC LIBRARY

I

VESICULAR STOMATITIS VIRUS

CARTWRIGHT, B., and others.*

Model for vesicular stomatitis virus.

J. Virol. 10(2):256-260, 1972.

*C.J. Smale, F. Brown, and R. Hull.

PIL

CRONIN, T.H., and others.*

Preparations for initiating endogenous interferon formation.

Ger. Offen. 2,139,545 (Cl. C 07bcd, A61k),

30 Mar. 1972, US Appl. 62,192, 07 Aug. 1970;
86 pp.

Chem. Abstr. 77(11):59(70422c), 1972.

*H. Faubl, W. Hofman, and J.J. Korst.

PIL

EISERLING, F.A., and DICKSON, R.C.

Assembly of viruses.

In: Annu. Rev. Biochem. 41:467-502, ed. by

E.E. Snell. Palo Alto, Calif., Annual

Reviews, xi, 1091 p., illus., 1972.

QP 501 A7

EMERSON, S.U., and WAGNER, R.R.

Dissociation and reconstitution of the trans-
criptase and template activities of
vesicular stomatitis B and T virions.

J. Virol. 10(2):297-309, 1972.

PIL

FALCOFF, R.

Some properties of the virus and immune-induced
human lymphocyte interferons.

J. Gen. Virol. 16(2):251-253, 1972.

PIL

FEL'DMAN, M.Y., ZALMANZON, E.S., and MIKHAILOVA, L.N.

O mekhanizme deistviya produktov reaktsii formal'-
degida s nukleotidami (metilendinukleotidov) na
kletku i reproduktsiyu virusov. [Mechanism of
action of the products of the reaction of
formaldehyde with nucleotides, methylene
dinucleotides, on cell and virus reproduction.]
English summary.

Mol. Biol. (Mosc.) 5(6):847-857, 1971 (Russ.).

Biol. Abstr. 54(4):2244(23288), 1972.

PIL

GUIDOTTI, G.

Membrane proteins.

In: Annu. Rev. Biochem. 41:731-752, ed. by

E.E. Snell. Palo Alto, Calif., Annual

Reviews, xi, 1091 p., illus., 1972.

QP 501 A7

JOHNSTON, R.E., and BOSE, H.R.

Correlation of messenger RNA function with
adenylate-rich segments in the genomes
of single-stranded RNA viruses.

Proc. Natl. Acad. Sci. U.S.A. 69(6):1514-1516, 1972.

PIL

II

CONFIDENTIAL

SECRET

CONFIDENTIAL

II

II

II

II

VESICULAR STOMATITIS VIRUS

KILEY, M.P., and WAGNER, R.R.

Ribonucleic acid species of intracellular
nucleocapsids and released virions of
vesicular stomatitis virus.

J. Virol. 10(2):244-255, 1972.

PIL

KLEINSCHMIDT, W.J.

Biochemistry of interferon and its inducers.

In: Annu. Rev. Biochem. 41:517-542, ed. by
E.E. Snell. Palo Alto, Calif., Annual
Reviews, xi, 1091 p., illus., 1972.

QP 501 A7

KOPROWSKI, H., MCCARELLI, P., and WIKTOR, T.J.

Antibody response in vitro to an animal virus:
production of rabies virus neutralizing
antibodies by mouse cells in culture.

Proc. Natl. Acad. Sci. U.S.A. 69(9):2433-2436, 1972.

PIL

LIBIKOVA, H.

Reakcia mladych a starych kultur kuracich
embryonalnych buniek na infekciu virusmi
roznych skupin so zreteľom na tvorbu inter-
feronu. [The reaction of young and old cultures
of chicken embryonal cells upon the infection by
different viruses with regard to the induction
of interferon.]

Folia Fac. Med. Univ. Comenianae Bratisl.

8(Suppl.):69-79, 1970 (Czech., w/Engl. summ.).

Biol. Abstr. 54(4):1981(20560), 1972.

PIL

MANDERS, E.K., TILLES, J.G., and HUANG, A.S.

Interferon-mediated inhibition of virion-directed
transcription.

Virology 49(2):573-581, 1972.

PIL

MURPHY, F.A., and others.*

Ultrastructural characterization of a new member
of the Rhabdovirus group--Klamath virus.

Arch. Gesamte Virusforsch. 37(4):323-331, 1972.

*H.N. Johnson, A.K. Harrison, and R.E. Shope.

PIL

MYERS, M.G., and others.*

Problems in the laboratory isolation of simian
hemorrhagic fever viruses and isolation of
the agent responsible for the Sussex/69
epizootic.

Appl. Microbiol. 24(1):62-69, 1972.

*M.M. Vincent, S.A. Hensen, and N.M. Tauraso.

PIL

NAGAYA, H.

Relative sensitivity of nonimmunocompetent
thymus cells to the action of anti serum
to thymus ribosomal fraction.

Clin. Res. 20(1):48, 1972.

Biores. Index 8(8):1433(61902), 1972.

PIL

Subject: [illegible]
Reference: [illegible]
Date: [illegible]

II.

[illegible text]

III.

[illegible text]

IV.

[illegible text]

V.

[illegible text]

VI.

[illegible text]

VII.

[illegible text]

VIII.

[illegible text]

VESICULAR STOMATITIS VIRUS

PRIDGEN, C., and KINGSBURY, D.W.

Adenylate-rich sequences in Sendai virus transcripts from infected cells.

J. Virol. 10(2):314-317, 1972.

PIL

RUTGERS UNIVERSITY. THE STATE UNIVERSITY OF
NEW JERSEY. INSTITUTE OF MICROBIOLOGY.

Transcription of vesicular stomatitis virus.

Transcriptases and virion proteins associated with other rhabdoviruses.

Interaction of enveloped RNA animal viruses with polyene antibiotics.

Vesicular stomatitis virus (VSV).

Genetic mechanisms of viral carcinogenesis.

In: Annu. Rep. 1971-1972, p. 5-6; 45-46, June 19, 1972.

#4106

ST. GEME, J.W., Jr., PERALTA, H., and VAN PELT, L.F.

Intrauterine infection of the Rhesus monkey with mumps virus: abbreviated viral replication in the immature fetus as an explanation for split immunologic recognition after birth.

J. Infect. Dis. 126(3):249-256, 1972.

PIL

SALERNO, R.A., and others.*

Chemical carcinogenesis in mice inhibited by interferon.

Nat. New Biol. (Lond.) 239(88):31-32, 1972.

*C.E. Whitmire, I.M. Garcia, and R.J. Huebner.

PIL

WOLFORD, R.G., and HETRICK, F.M.

Elimination of Mycoplasma contaminants from virus stocks by treatment with nonionic detergents.

Appl. Microbiol. 24(1):18-21, 1972.

PIL

YOUNGNER, J.S., THACORE, H.R., and KELLY, M.E.

Sensitivity of ribonucleic acid and deoxyribonucleic acid viruses to different species of interferon in cell cultures.

J. Virol. 10(2):171-178, 1972.

PIL

VISNA DISEASE

HOOKS, J.J., and others.*

Characterization and distribution of two new foamy viruses isolated from chimpanzees.

Arch. Gesamte Virusforsch. 38(1):38-55, 1972.

*C.J. Gibbs, Jr., E.C. Cutchins, N.G. Rogers, P. Lampert, and D.C. Gajdusek.

PIL

LIN, F.H., and THORMAR, H.

Properties of maedi nucleic acid and the presence of ribonucleic acid- and deoxyribonucleic acid-dependent deoxyribonucleic acid polymerase in the virions.

J. Virol. 10(2):228-233, 1972.

PIL

1. The first part of the report is a summary of the work done during the period covered by the report. It is a brief statement of the results of the work, and is intended to give a general impression of the progress made.

2. The second part of the report is a detailed account of the work done during the period covered by the report. It is a full and complete statement of the results of the work, and is intended to give a detailed impression of the progress made.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

The work done during the period covered by the report has been of a general nature, and has been directed towards the improvement of the methods of working.

MISCELLANEOUS

CORNESKY, R.A., and others.*

Rapid complement fixation technique for estimating complement-fixing antigen elution profiles of viruses from gel filtration columns.

Appl. Microbiol. 24(1):157-159, 1972.

*W. McD. Hammon, G.E. Sather, and R. Atchison.

PIL

JOHNSON, R.T.

Effects of viral infection on the developing nervous system.

N. Engl. J. Med. 287(12):599-604, 1972.

PIL

MANNHEIM, W., and WOLF, G.

The temperature requirements of growth of some mycoplasmas. / Die Temperaturbedürfnisse des Wachstums einiger Mykoplasmen. /

Zentralbl. Bakteriол., Parasitenkd., Infektionskr.

Hyg. Erste Abt. Orig.-Reihe A Med. Mikrobiol.

Parasitol. 221(2):234-249, 1972.

PIL

MAYOR, H.E., and RATNER, J.D.

Conditionally defective helper adenoviruses and satellite virus replication.

Nat. New Biol. (Lond.) 239(88):20-21, 1972.

PIL

PHANEUF, J.B., and BELLAVANCE, R.

Pathology of a sheep disease suggestive of maedi in Quebec.

Abstr. Res. Rostrum 24th Can. Vet. Med. Assoc.

Annu. Conv., Quebec 1972.

Can. Vet. J. 13(9):217, 1972.

PIL

PROCTOR, W.R., COOK, J.S., and TENNANT, R.W.

Ultraviolet photobiology of Kilham rat virus and the absolute ultraviolet photosensitivities of other animal viruses: influence of DNA strandedness, molecular weight, and host-cell repair.

Virology 49(2):368-378, 1972.

PIL

TAYLOR-ROBINSON, D., and others.*

Isolation of mycoplasmas from lungs by a perfusion technique.

Med. Microbiol. Immunol. (Z. Med. Mikrobiol. Immunol.) 158(1):9-15, 1972.

*F.W. Denny, G.W. Thompson, A.C. Allison, and P.-A. Mårdh.

PIL

TOMASI, T.B., Jr.

Secretory immunoglobulins.

N. Engl. J. Med. 287(10):500-506, 1972.

PIL

TOMKINS, G.M., and others.*

Further evidence for posttranscriptional control of inducible tyrosine aminotransferase synthesis in cultured hepatoma cells.

Nat. New Biol. (Lond.) 239(88):9-14, 1972.

*B.B. Levinson, J.D. Baxter, and L. Dethlefsen.

PIL

1911-1912
1913-1914
1915-1916

1917

1918

1919

1920

1921

1922

1923

1924

1925

1926

1927

1911-1912
1913-1914
1915-1916
1917
1918
1919
1920
1921
1922
1923
1924
1925
1926
1927